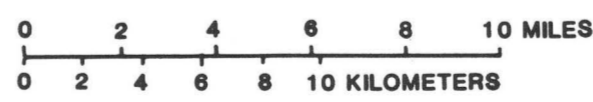


Base adapted from North Carolina Department of Transportation county highway maps

INTERIOR-- GEOLOGICAL SURVEY, RALEIGH, N.C. 1988

EXPLANATION

- 400--- STRUCTURE CONTOUR -- Shows altitude of top of lower Cape Fear aquifer. Dashed where approximately located. Contour interval 100 feet. Datum is sea level
- LINE OF EQUAL CHLORIDE CONCENTRATION -- Shows approximately where water at the top of the lower Cape Fear aquifer contains 250 milligrams per liter chloride
- LINE OF EQUAL CHLORIDE CONCENTRATION -- Shows approximately where water at the bottom of the lower Cape Fear aquifer contains 250 milligrams per liter chloride
- ////// TRANSITION ZONE FROM FRESHWATER TO SALTWATER IN THE LOWER CAPE FEAR AQUIFER
- 13 ● WELL AND SITE NUMBER



Prepared in cooperation with the
NORTH CAROLINA DEPARTMENT OF NATURAL
RESOURCES AND COMMUNITY DEVELOPMENT
GREENE COUNTY
CITY OF KINSTON
CITY OF NEW BERN
TOWN OF AYDEN
TOWN OF FARMVILLE
TOWN OF LA GRANGE
TOWN OF PINETOPS
TOWN OF SNOW HILL
TOWN OF STANTONSBURG
GREENVILLE UTILITIES
NORTH LENOIR WATER CORPORATION

ALTITUDE OF THE TOP OF THE LOWER CAPE FEAR AQUIFER